

**ASTM E1354 Test Data Summary
CHEP International**

08-Mar-01

Material Number	Ignition Time (sec)	Flame Duration (sec)	Initial Weight (grams)	Total Weight Loss (grams)	% Weight Loss	Heat of Comb (mJ/kg)	Avg HRR at 180s KW/m	Peak HRR KW/m	Time of Peak HRR (sec)	Total Heat MJ/m	Total Smoke kg/m
1	66	402	28.5	23	77.8	21.7	149	237	24	49.5	2550
2	72	395	28.5	22.1	74.8	21.2	208	208	26	47	2630
3	74	413	30.3	22.4	74	21.5	165	165	38	48.2	2483
Average	77	404	28.8	22.5	75.5	21.5	203	203	28	48.3	2888

Material tested on 8 March 2001
Material labeled as followed
#1-HDPE with Intumescent Flame Retardant
Note: Materials tested at 32 KW/m exposure, horizontal with spark igniter



Figure 1